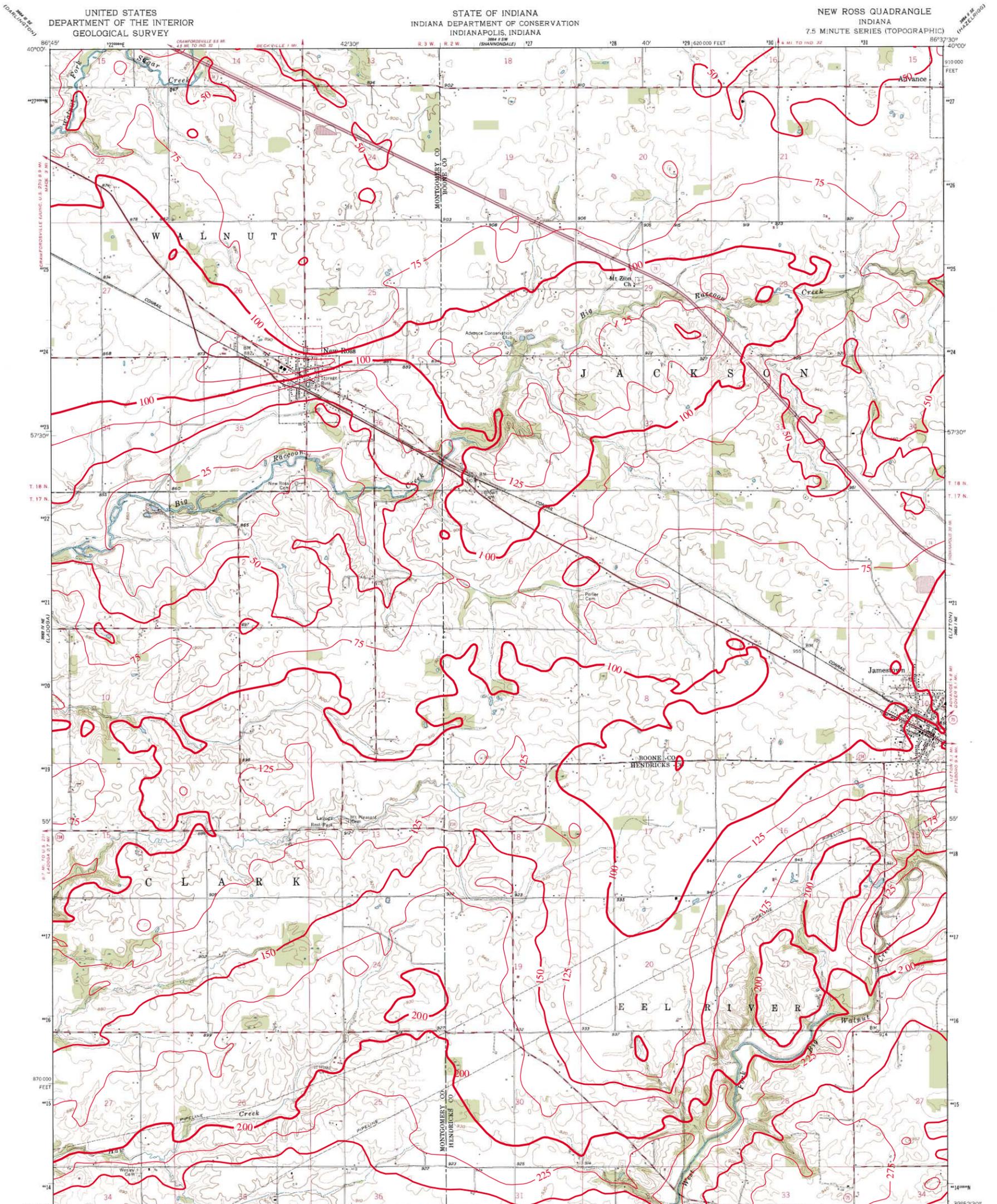
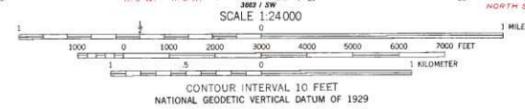
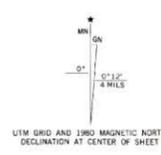


# THICKNESS OF UNCONSOLIDATED DEPOSITS OF NEW ROSS QUADRANGLE, INDIANA



Mapped, edited, and published by the Geological Survey  
 Control by USGS and USC&GS  
 Topography from aerial photographs by ER-55 plotter  
 Aerial photographs taken 1956. Field check 1957  
 Polyconic projection  
 10,000-foot grid based on Indiana coordinate system,  
 west zone  
 1000-meter Universal Transverse Mercator grid ticks,  
 zone 16, shown in blue. 1927 North American Datum  
 To place on the predicted North American Datum 1983  
 move the projection lines 1 meter south and  
 1 meter east as shown by dashed corner ticks  
 Unchecked elevations are shown in brown  
 Revisions shown in purple compiled in cooperation with State of  
 Indiana agencies from aerial photographs taken 1977 and other  
 source data. This information not field checked. Map scale: 1:24,000



CONTOUR INTERVAL 10 FEET  
 NATIONAL GEODETIC VERTICAL DATUM OF 1929  
 THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
 FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092  
 AND INDIANA DEPARTMENT OF NATURAL RESOURCES, INDIANAPOLIS, INDIANA 46204  
 A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

**ROAD CLASSIFICATION**  
 Heavy-duty ——— Light-duty ———  
 Medium-duty ——— Unimproved dirt ———  
 U.S. Route ——— State Route ———  
 Interstate Route ———

**NEW ROSS, IND.**  
 N 39°52.5' - W 86°37.5'  
 1957  
 PHOTOREVISED 1980  
 DMA 3663 1 NW - SERIES V851

This map showing thickness of unconsolidated deposits was created by Glenn E. Grove, IDNR, Division of Water, Ground Water Section. The digital elevation grid of the bedrock surface was subtracted from the grid of the land surface and the resultant grid contoured in ArcInfo. The land surface elevation grid is from 1:24,000 scale digital hypsography by the U.S. Geological Survey, Reston, Virginia, 1999 and 2001. The bedrock surface elevation grid is from a digital map of the bedrock surface topography of Boone County. The bedrock surface contouring was done by William C. Herring (2002) and Marvin B. Thompson (1999), Ground Water Section, Division of Water, IDNR, at a scale of 1:24,000.

Unconsolidated thickness contour interval = 25 feet (shown in red).



Map generated by Glenn E. Grove  
 IDNR, Division of Water, Ground Water Section  
 October 28, 2002